Complex Deployments

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Azure IoT Modules

Docker-compatible containers

Smallest unit of computation managed by IoT Edge

Deploying an Azure IoT Module

✓ | 1. Build module image

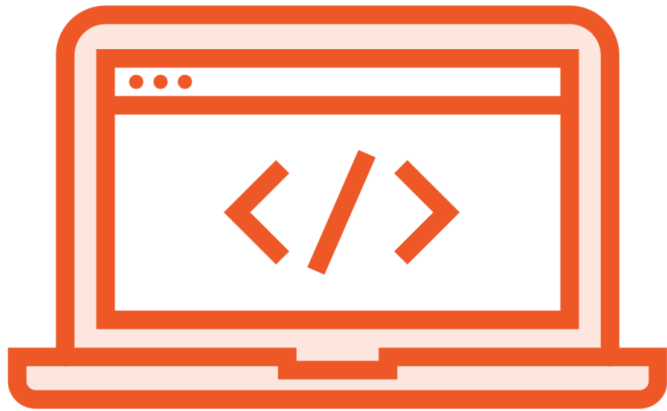✓ | 2. Push module image to Azure Container Registry (ACR)

✓ | 3. Generate deployment manifest

✓ | 4. Deploy to IoT Edge devices

Visual Studio App Center

Focus on mobile applications

Testing

Continuous delivery

Analytics

Crash reports

Important App Center Features

MSAnalytics.self

MSCrashes.self

App Center Distribution Groups

Controls access to releases

Private: Invitations by email only
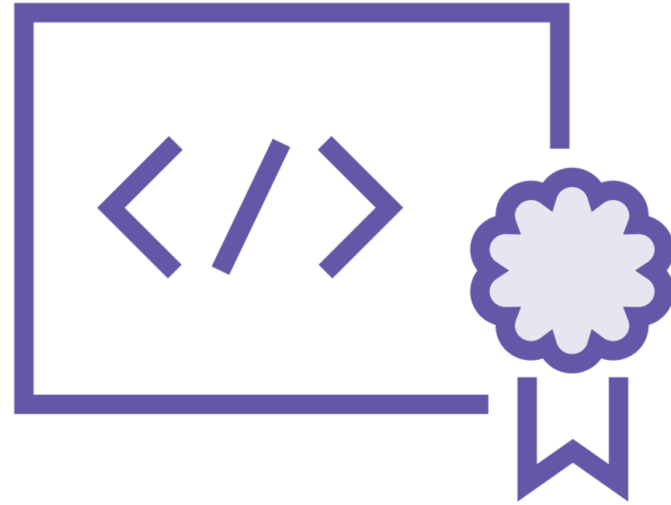
Shared: For application testers for all apps in the org

Public: Early release users who use unauthenticated private links
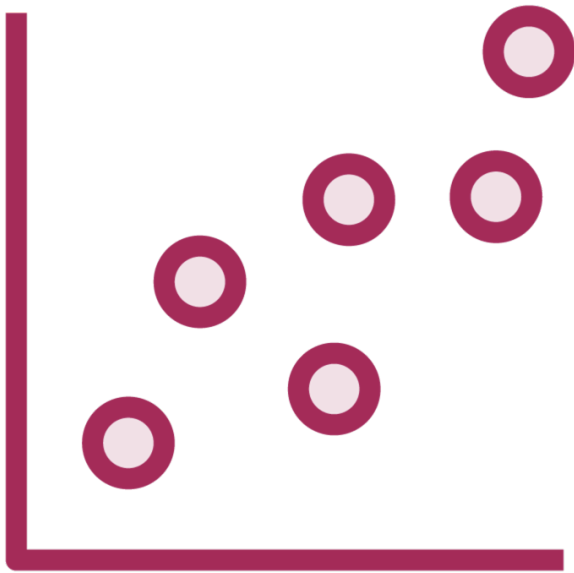
Distributing Applications with the App Center

Apple developer portal registration

P12 certificate required
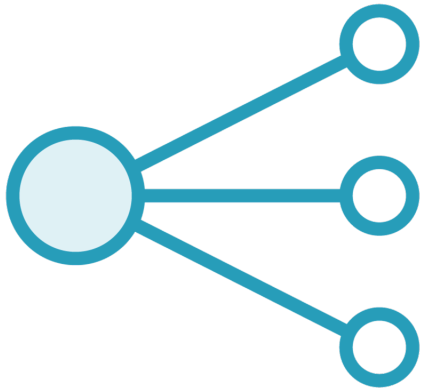
Microsoft Test & Feedback extension

Collecting web application data
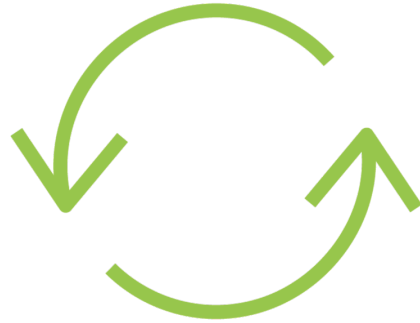
Collect crash reports for issue analysis.

Get user feedback

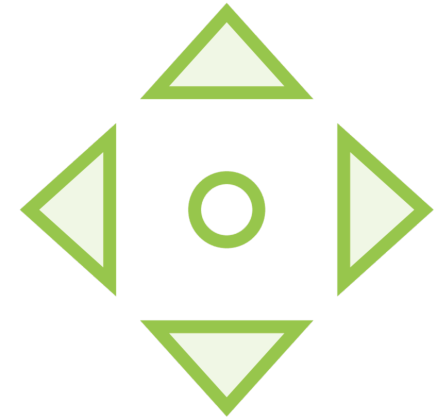# Multi-Region Deployments with Azure Traffic Manager

DNS load balancing

Weighted round-robin routing

Routing global users to Azure endpoints

Multi-region failover
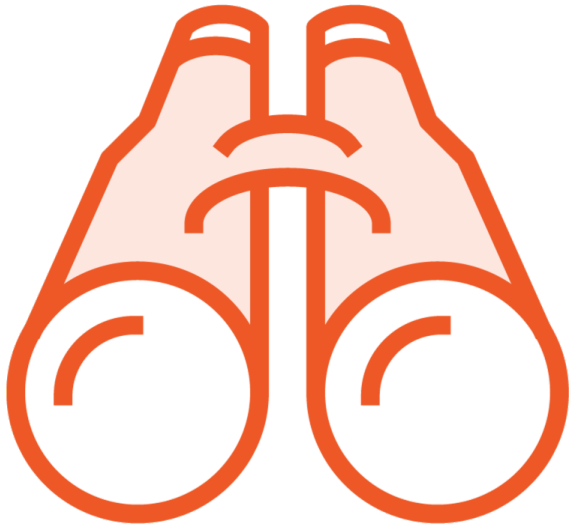
When to Run Agents on Azure Stack

More control

On-prem

Focus Here

Majority of focus on mobile apps

~2-3% questions